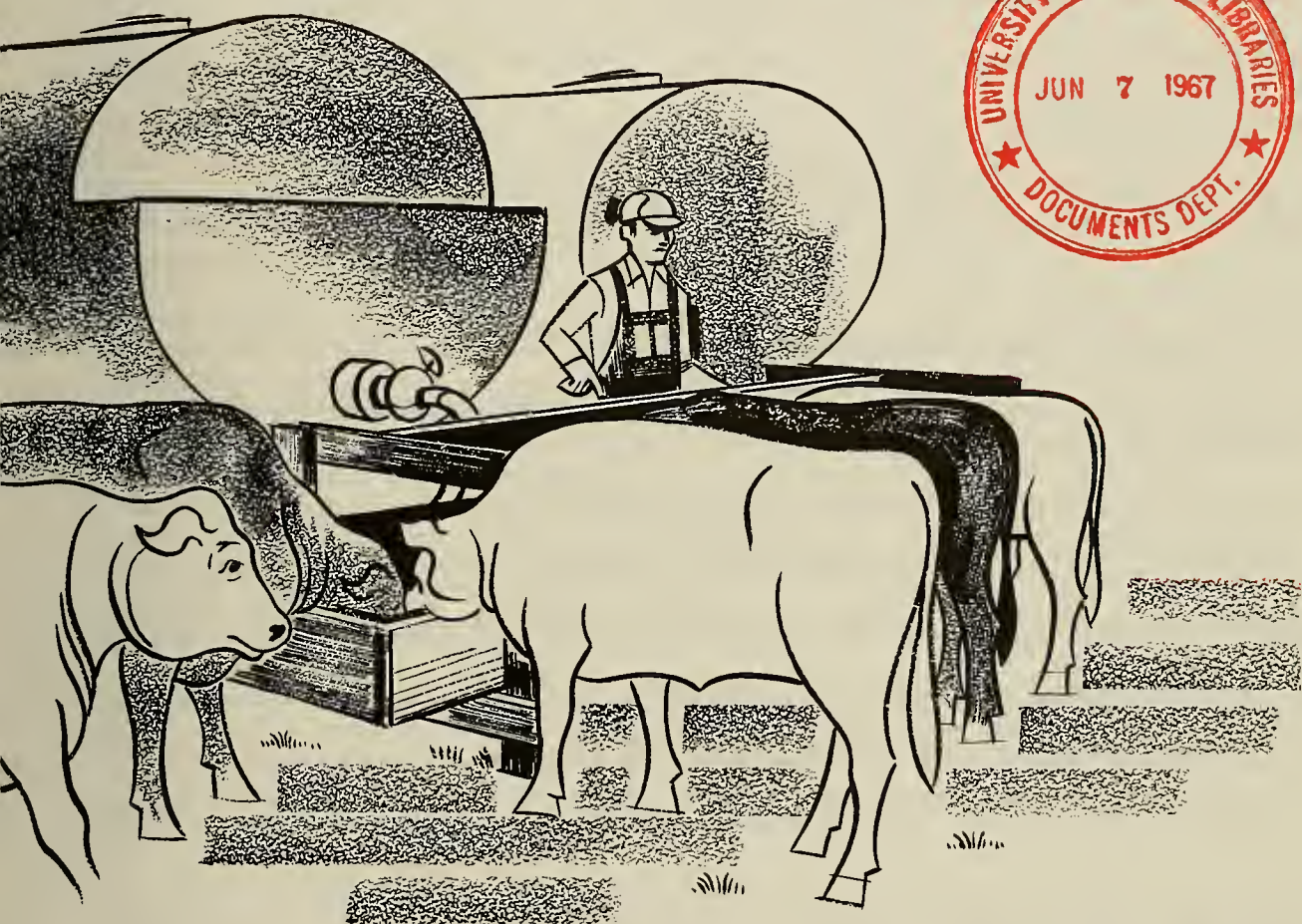
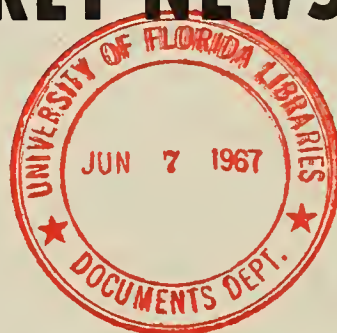


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# Molasses

## MARKET NEWS



## ANNUAL SUMMARY 1966



CONSUMER AND MARKETING SERVICE  
U. S. DEPARTMENT OF AGRICULTURE WASHINGTON, D. C.

C&MS-2 (1966)

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HIGHLIGHTS OF 1966

Molasses prices advanced sharply in 1966 and closed out the year at or near their highest levels in nearly three years. The cost of molasses remained lower in relation to corn, but the difference was not as great as it was the preceding year. An estimated 661 million gallons of molasses were available for feed and industrial use in the United States during 1966 -- about 7 percent more than in 1965. More than half of the supply came from domestic sources, while 314 million gallons were imported from foreign countries. Exports of molasses from Puerto Rico ran nearly three times as large as the year before, but mainland exports dropped. The quantity of molasses fed to livestock was up an estimated 11 percent, but industrial use of molasses was a little less than in 1965.

PRICESCane Molasses

Prices of cane molasses advanced steadily during 1966. By the end of the year, they were 5 to 8-1/2 cents per gallon higher than the previous year's close and the highest they had been in nearly three years. Good demand for molasses from the livestock feeding industry and the higher cost of imported molasses were major price strengthening influences.

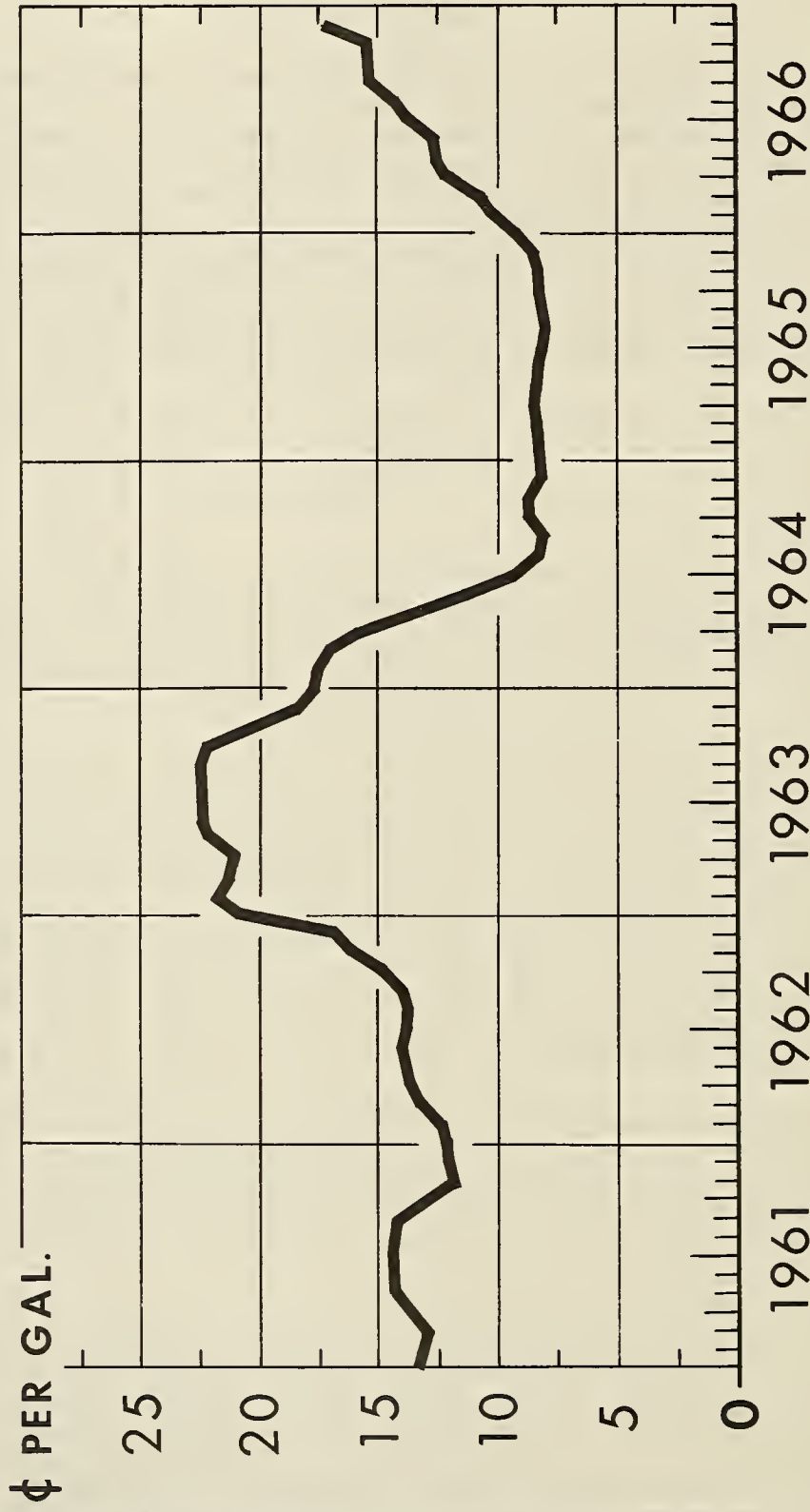
The higher trend raised the year's average prices of molasses at principal markets from about 1-3/4 to 5-1/2 cents per gallon above the preceding year's averages. While molasses prices were well above the year before, prices of corn and most other basic feed ingredients were higher, too. This was particularly true early in 1966 when the ratio between the cost of corn and molasses was very favorable for molasses. Demand for molasses was strong then as cost-conscious feeders, ranchers, and feed manufacturers could save money by substituting molasses for corn and other feed grains. The gap between molasses and corn prices narrowed as the year wore on and molasses prices advanced. Although molasses lost some of its price advantage later in the year and became much more sensitive to changes in the corn market, demand held up fairly well.

Advances in molasses prices during 1966 were more pronounced in the Gulf, Southeast, and Midwest than in the East, Southwest, and West. This reflected, to some extent, continued keen competition and sales-stimulating volume price discounts in the East and the rather common practice of advance contracting for the season's sales in the Southwest and West.

Cane molasses prices followed a uniform trend at most markets -- advancing steadily from month to month throughout the year. Upturns at Gulf, Southeast, and Midwest markets closely paralleled those at New Orleans. Although well up for the year, prices did not advance as much in the East, Southwest, and West as they did in other areas. Except for the seasonal summer lull, demand for molasses was fair to good most of the year. Supplies were generally adequate outside of one or two months early in the year when distributors were hard pressed to fill orders and limited their forward bookings.

# MOLASSES PRICES

*F.O.B. Tank Car, New Orleans*



The price relationships, or differentials, between New Orleans and most other terminals were not as much above New Orleans in 1966 as they were the previous year. In fact, at the end of December there was only about a half cent to one cent per gallon differential between the price at New Orleans and prices at Houston, Corpus Christi, Mobile, Savannah, Norfolk, Baltimore, Philadelphia, New York, and the West Coast. The spread ran between 1 and 1-1/2 cents at El Paso, Wilmington, Boston, and Albany. It was generally between 3-1/2 and 6 cents at most other markets. The major exception was in Florida where the December closing price was a half cent under the New Orleans price.

### Beet Molasses

Prices of beet molasses, like cane molasses, advanced in 1966. The general trend was somewhat different, however. Prices held steady the first five months of the year, due partly to competition from cane molasses and because of yearly contractual arrangements. Beet molasses started advancing in June as supplies became scarce and dry weather in the West created an excellent demand. The market advanced further in July, held steady in August, went up again in September and October, and remained steady the last two months of the year as new-crop production and contracting got under way.

By the end of December, prices stood around \$9.50 per ton higher than the previous year's close at Denver and in the Colorado-Wyoming-Montana area and about \$4.50 higher in the Oregon-Utah-Idaho-Missoula, Montana area. The year's average prices were up about \$5.50 per ton in the two former areas and around \$1.30 higher in the latter area.

### Citrus Molasses

The market for citrus molasses was not nearly as strong in 1966 as were markets for other types of molasses. In fact, the year's average price of citrus molasses was about 50 cents per ton below the preceding year. However, prices at the end of December were about \$2.00 per ton higher than a year ago.

Prices declined steadily during the first quarter of 1966 as increased production of citrus molasses provided an ample supply. The trend inched upward the next six months, influenced by good demand, lighter supplies, and strength in cane molasses. Prices held steady the remainder of the year as new-crop production got under way with the beginning of picking and processing of a record citrus crop in Florida.

### Corn (Hydrol) Molasses

Prices of corn molasses followed the same general upward trend as cane and beet molasses in 1966. While the year's average prices at principal markets were around \$6.00 per ton above the previous year, prices at the end of December stood about \$13.00 to \$14.00 higher than the preceding December.

The comparatively high cost of corn molasses in relation to other types of molasses was largely responsible for a further decrease in the quantity of corn molasses being used for livestock feed. As in other recent years, more corn molasses was taken by various manufacturing outlets, especially the pharmaceutical industry.



Table 1.--Molasses, blackstrap: Prices by months, f.o.b. tank car or tank truck, 1962-66

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Cents per gallon--													
<u>New Orleans</u>													
1962	12.13	12.44	13.38	13.69	13.95	14.00	13.90	13.88	14.00	14.90	16.19	16.83	14.11
1963	20.70	21.81	21.43	21.29	22.12	22.50	22.50	22.50	22.50	22.22	20.25	18.53	21.53
1964	17.75	17.53	17.06	15.87	13.63	11.35	9.41	8.31	8.15	8.69	8.63	8.35	12.06
1965	8.38	8.88	8.93	9.00	8.94	8.83	8.62	8.50	8.63	8.81	8.88	9.06	8.79
1966	9.81	10.28	10.85	12.34	12.56	12.80	13.81	14.40	15.44	16.00	16.10	17.41	13.48
<u>Houston</u>													
1962	12.75	12.89	13.68	14.10	14.35	14.35	14.35	14.35	14.35	15.65	16.44	16.67	14.49
1963	20.60	22.56	22.00	22.00	23.50	23.50	23.50	23.50	23.50	23.05	21.00	19.38	22.34
1964	19.00	19.00	18.50	17.35	15.50	13.40	11.38	11.00	11.00	11.00	11.00	11.00	14.09
1965	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00
1966	11.00	11.00	11.60	13.00	13.25	13.50	14.50	14.50	16.00	16.50	16.70	17.75	14.11
<u>Corpus Christi</u>													
1962	13.25	13.30	14.18	14.50	14.66	14.70	14.70	14.70	14.70	15.90	16.70	16.87	14.85
1963	20.82	23.00	22.20	22.20	23.17	23.50	23.50	23.50	23.50	23.10	21.12	19.38	22.42
1964	19.00	19.00	18.40	17.35	15.50	13.40	11.38	11.00	11.00	11.00	11.00	11.00	14.09
1965	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00
1966	11.00	11.00	11.60	12.75	13.13	13.50	14.50	14.70	15.75	16.50	16.70	17.62	14.06
<u>El Paso</u>													
1962	13.70	13.60	14.45	14.90	15.26	15.50	15.50	15.50	15.50	15.98	16.70	17.20	15.32
1963	18.40	19.60	19.60	20.44	21.47	22.05	22.68	23.10	23.10	23.10	22.20	21.05	21.40
1964	20.50	20.20	19.48	18.70	17.25	16.16	14.30	13.50	13.50	13.50	13.50	13.50	16.17
1965	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	12.60	12.90	13.38
1966	13.20	13.20	13.38	14.39	14.05	14.05	15.50	15.67	16.74	17.54	17.54	17.98	15.27

<u>Phoenix</u>														
1962	.....	17.20	17.35	17.95	18.40	18.76	19.00	19.00	19.00	19.00	19.48	20.20	20.80	18.84
1963	.....	21.94	23.10	23.10	23.90	25.00	25.55	26.24	26.60	26.60	26.60	25.70	24.60	24.91
1964	.....	24.00	23.70	22.78	22.20	20.80	19.54	17.80	17.00	17.00	17.00	17.00	17.00	19.65
1965	.....	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	16.28	16.10	16.87
1966	.....	16.10	16.10	16.64	18.00	18.00	18.00	19.00	19.18	20.47	21.05	21.40	21.35	17.27
<u>Mobile</u>														
1962	.....	12.70	12.79	13.75	14.20	14.38	14.50	14.50	14.50	14.39	15.30	16.35	17.17	14.54
1963	.....	21.08	23.00	22.00	21.95	22.75	23.00	23.00	23.00	22.70	22.50	20.83	18.95	22.06
1964	.....	18.20	17.83	17.40	16.40	14.08	12.23	10.09	8.96	8.35	8.68	8.75	8.50	12.46
1965	.....	8.63	9.10	9.50	9.20	9.20	9.10	8.89	8.60	8.90	9.28	9.50	9.75	9.14
1966	.....	10.88	11.50	12.10	12.88	13.88	14.00	15.00	15.20	16.50	17.00	17.20	18.13	14.48
<u>South Florida 1/</u>														
1962	.....	14.00	14.00	14.36	14.66	14.77	14.85	14.85	14.85	14.85	15.22	16.06	16.75	14.93
1963	.....	20.22	22.75	23.00	23.00	23.00	23.50	23.50	23.69	23.75	23.70	22.06	20.50	22.72
1964	.....	19.15	18.81	18.30	17.19	14.88	13.20	10.69	8.81	8.75	8.75	8.75	8.80	13.00
1965	.....	9.08	9.43	9.85	10.00	10.00	9.94	9.85	9.75	9.75	9.80	9.80	9.00	9.69
1966	.....	9.75	10.25	10.90	12.25	12.50	13.00	13.75	14.00	15.38	16.00	16.00	17.00	13.40
<u>Savannah, Ga. -Wilmington, N. C.</u>														
1962	.....	14.75	14.94	15.44	15.63	15.75	15.75	15.75	15.75	15.75	16.00	16.94	18.50	15.91
1963	.....	21.25	23.25	24.00	24.00	24.25	24.50	24.50	24.50	24.50	24.50	23.50	22.19	23.74
1964	.....	21.19	20.69	19.81	18.54	16.41	14.07	11.88	10.63	10.25	10.25	10.25	10.16	14.51
1965	.....	10.16	10.35	10.35	10.35	10.35	10.31	10.25	9.61	9.63	9.91	10.13	10.13	10.13
<u>Savannah</u>														
1966	.....	11.00	11.23	12.10	13.50	13.75	14.00	15.00	15.20	16.25	17.00	17.20	18.25	14.54
<u>Wilmington</u>														
1966	.....	11.43	11.73	12.60	14.00	14.25	14.50	15.50	15.65	17.00	17.50	17.50	18.63	15.02

1/ Includes all of Florida prior to December 1965.

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Table 1 - (Continued). --Molasses, blackstrap: Prices by months, f.o.b. tank car or tank truck, 1962-66

Year	: Jan.	: Feb.	: Mar.	: Apr.	: May	: June	: July	: Aug.	: Sept.	: Oct.	: Nov.	: Dec.	: Av.
--Cents per gallon--													
<u>Baltimore, Md.-Norfolk, Va.</u>													
1962	.....: 15.00	15.06	15.38	15.63	15.65	15.50	15.50	15.50	15.50	15.90	16.31	16.42	15.61
1963	.....: 20.80	22.25	22.00	22.00	22.75	22.75	22.80	23.00	23.00	23.00	21.25	20.13	22.14
1964	.....: 19.50	19.50	19.50	19.00	17.75	15.90	14.00	13.50	13.50	13.50	13.50	13.50	16.05
1965	.....: 13.50	13.50	12.98	12.49	12.44	12.05	12.10	12.10	12.05	11.50	10.80	11.00	12.21
<u>Norfolk</u>													
1966	.....: 11.19	11.38	11.80	13.31	13.56	13.80	14.75	14.95	15.81	16.63	17.00	18.00	14.59
<u>Baltimore</u>													
1966	.....: 11.13	11.19	11.80	13.31	13.63	13.75	14.75	14.85	15.81	16.50	16.40	17.75	14.24
<u>Philadelphia</u>													
1962	.....: 15.00	15.25	15.50	15.50	15.50	15.31	15.25	15.25	15.25	15.40	15.69	16.33	15.44
1963	.....: 20.80	21.94	21.63	21.41	22.10	22.25	22.35	22.55	22.71	22.95	21.25	20.13	21.84
1964	.....: 19.50	19.50	19.50	18.75	17.19	15.45	13.38	13.00	13.07	13.35	13.18	13.00	15.74
1965	.....: 13.00	13.00	12.75	12.56	12.44	12.10	11.81	11.55	11.50	11.50	10.95	11.00	12.01
1966	.....: 11.25	11.25	11.80	13.25	13.56	13.75	14.38	14.60	15.81	16.38	16.60	17.75	13.94
<u>New York</u>													
1962	.....: 15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.87	16.00	15.78
1963	.....: 20.80	22.13	22.00	22.00	22.75	22.75	22.80	23.00	23.00	23.00	21.25	20.13	22.13
1964	.....: 19.50	19.50	19.50	19.00	17.75	15.90	14.00	13.50	13.50	13.50	13.50	13.50	16.05
1965	.....: 13.50	13.50	13.50	13.13	12.85	12.50	12.44	12.25	12.25	11.88	11.10	11.13	12.50
1966	.....: 11.25	11.25	11.80	13.25	13.56	13.75	14.75	14.85	15.81	16.63	16.40	17.75	14.50



Boston

1962	.....	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.31	16.83	16.10
1963	.....	21.35	22.63	22.50	23.81	24.00	24.00	24.00	24.00	24.00	22.00	20.63	22.95
1964	.....	20.00	20.00	19.50	18.25	16.40	14.50	14.00	14.00	14.00	14.00	14.00	16.55
1965	.....	14.00	14.00	13.63	13.38	13.00	12.94	12.75	12.75	12.38	11.60	11.63	13.01
1966	.....	11.75	11.75	12.30	13.75	14.00	15.25	15.40	16.56	17.25	17.40	18.44	14.84

Albany

1962	.....	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.31	16.33	16.05
1963	.....	21.35	22.63	22.50	23.81	24.00	24.00	24.00	24.00	24.00	22.00	20.63	22.95
1964	.....	20.00	20.00	19.50	18.25	16.40	14.50	14.00	14.00	14.00	14.00	14.00	16.55
1965	.....	14.00	14.00	13.63	13.38	13.30	12.94	12.75	12.75	12.38	11.60	11.63	13.03
1966	.....	11.75	11.75	12.30	13.75	14.00	15.25	15.40	16.56	17.25	17.40	18.44	14.84

Buffalo

1962	.....	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.31	19.48	19.15
1963	.....	24.03	25.24	25.09	26.30	26.30	26.30	26.30	26.30	26.30	24.46	22.88	25.37
1964	.....	22.30	22.30	22.30	20.55	18.70	16.80	16.30	16.30	16.30	16.30	16.02	18.83
1965	.....	14.90	14.98	15.00	14.81	14.46	14.40	14.40	14.40	14.15	13.70	13.85	14.48
1966	.....	14.05	14.05	14.70	16.60	17.13	18.13	18.23	19.64	20.14	20.35	21.26	17.18

Toledo

1962	.....	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.10	19.80	20.50	19.27
1963	.....	24.41	26.64	26.63	28.10	28.10	28.10	28.10	28.10	28.10	27.35	25.60	27.16
1964	.....	24.10	23.40	23.20	19.13	16.64	14.15	13.34	12.95	13.35	13.38	13.30	17.44
1965	.....	13.18	13.70	13.70	13.70	13.70	13.70	13.50	13.50	13.88	14.00	14.30	13.71
1966	.....	15.10	15.83	17.35	18.04	18.18	18.89	18.99	20.39	20.91	21.10	22.07	18.72

Cincinnati

1962	.....	17.70	18.23	19.10	19.70	19.70	19.70	19.70	19.70	20.60	21.82	22.63	19.84
1963	.....	25.88	27.48	27.20	26.60	26.00	26.22	26.40	26.40	26.32	25.35	24.00	26.25
1964	.....	23.03	21.10	20.98	18.03	15.39	12.80	11.70	11.25	11.69	11.90	11.19	15.71
1965	.....	11.26	11.80	11.84	11.90	11.90	11.87	11.40	11.60	11.80	11.80	12.35	11.79
1966	.....	13.30	13.68	15.27	17.13	16.90	17.76	18.09	19.30	19.96	20.15	20.94	17.43

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Table 1 - (Continued). --Molasses, blackstrap: Prices by months, f.o.b. tank car or tank truck, 1962-66

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Cents per gallon--													
<u>Minneapolis</u>													
1962	19.30	19.30	19.45	19.90	19.90	19.90	19.90	19.90	19.90	20.96	21.75	23.00	20.26
1963	26.72	29.20	30.40	28.90	28.65	28.90	28.90	28.90	28.90	28.90	28.30	26.75	28.62
1964	26.00	26.00	25.16	23.89	22.01	19.28	16.98	15.80	15.05	15.80	15.80	16.28	19.84
1965	16.55	17.00	17.00	17.00	16.93	16.37	15.80	15.68	15.73	15.80	15.80	16.10	16.31
1966	17.13	17.54	18.28	19.60	19.80	20.10	20.98	21.45	22.41	22.10	23.25	23.76	20.53
<u>Chicago</u>													
1962	16.04	16.64	17.05	17.30	17.89	17.84	17.80	17.80	17.88	18.70	20.62	21.85	18.12
1963	25.68	27.13	26.75	26.03	26.25	26.49	26.72	26.75	26.75	26.69	25.89	24.25	26.28
1964	23.03	22.44	22.01	20.94	18.90	16.72	14.58	13.28	12.85	13.60	13.50	13.20	17.09
1965	13.28	13.55	13.61	13.70	13.70	13.62	13.45	13.08	13.33	14.00	14.00	14.08	13.62
1966	14.71	15.41	15.81	17.20	17.36	17.84	18.75	19.01	20.19	20.98	21.25	22.40	18.41
<u>St. Louis</u>													
1962	16.20	16.53	17.45	17.78	18.00	18.00	18.00	18.00	18.00	19.00	20.12	21.40	18.21
1963	24.56	26.00	25.50	25.50	26.00	26.35	26.65	26.70	26.67	26.55	25.25	23.47	25.77
1964	21.93	21.55	21.30	19.96	18.21	15.40	13.50	12.86	12.33	12.91	12.90	12.75	16.30
1965	12.59	13.10	13.14	13.09	13.10	12.90	12.50	12.40	12.50	12.60	12.60	13.05	12.80
1966	14.05	14.50	14.67	16.10	16.34	16.59	17.70	18.09	19.24	20.05	20.32	21.11	17.40
<u>Kansas City</u>													
1962	17.80	18.20	19.10	19.50	19.80	19.80	19.80	19.80	19.58	20.78	21.97	23.03	19.93
1963	26.13	27.44	27.30	27.30	28.24	28.30	28.30	28.30	28.30	28.04	26.05	24.42	27.34
1964	23.45	23.35	22.84	21.60	19.48	16.77	14.64	13.44	13.30	13.99	13.93	13.45	17.52
1965	13.63	14.15	14.15	14.19	14.20	14.06	13.77	13.70	13.95	14.20	14.20	14.55	14.06
1966	15.45	16.03	17.03	18.25	18.43	18.51	19.53	19.73	21.05	21.55	21.75	22.84	19.18

<u>Omaha</u>																	
1962	.....:	19.00	19.15	19.30	19.30	19.30	19.30	19.30	19.30	19.30	19.30	19.30	19.30	19.30	19.30	19.30	19.30
1963	.....:	25.44	27.00	28.05	28.10	28.40	28.70	28.70	28.70	28.70	28.70	28.70	28.70	28.70	28.70	28.70	28.70
1964	.....:	26.90	26.15	24.74	23.25	21.70	17.99	15.25	14.69	14.38	14.69	14.38	14.69	14.38	14.69	14.38	14.30
1965	.....:	14.51	15.15	15.15	15.30	15.30	15.10	14.80	14.60	14.98	15.40	15.40	15.40	15.40	15.40	15.40	15.11
1966	.....:	16.70	17.45	18.91	19.80	19.80	19.81	20.76	21.07	22.30	22.97	23.05	24.01	23.10	21.90	19.98	20.55
<u>Memphis</u>																	
1962	.....:	15.77	16.22	17.01	17.35	17.58	17.65	17.50	17.50	17.50	18.40	19.75	20.67	20.67	19.75	18.40	17.74
1963	.....:	23.84	25.65	25.33	25.20	25.88	26.00	26.00	26.00	26.00	25.97	24.70	22.90	22.90	24.70	25.97	25.29
1964	.....:	21.85	21.50	21.00	19.90	18.05	15.94	14.00	12.53	11.85	12.63	12.66	12.55	12.55	12.66	12.63	16.21
1965	.....:	12.54	12.80	12.96	13.01	12.95	12.81	12.50	12.20	12.44	12.60	12.60	12.90	12.90	12.60	12.60	12.69
1966	.....:	13.70	14.15	14.30	16.36	16.49	16.63	17.65	17.86	18.99	20.07	20.10	21.18	21.18	20.10	20.07	17.29
<u>Denver</u>																	
1962	.....:	20.20	20.54	21.07	21.30	21.60	21.90	21.90	21.90	21.90	22.38	23.10	23.75	23.75	23.10	22.38	21.79
1963	.....:	24.76	26.00	25.55	26.56	27.60	28.00	28.90	29.50	29.50	29.50	28.15	26.90	26.90	28.15	29.50	27.58
1964	.....:	26.30	26.00	25.28	24.50	23.00	21.38	19.09	18.41	18.31	18.60	18.54	18.32	18.32	18.54	18.60	21.48
1965	.....:	18.30	18.60	18.50	17.98	17.60	17.48	17.55	17.55	17.55	17.55	17.55	17.70	17.70	17.55	17.55	17.83
1966	.....:	18.10	17.98	18.60	18.70	20.80	21.94	22.92	23.12	24.44	24.95	25.05	25.64	25.64	25.05	24.95	21.85
<u>California Ports</u>																	
1962	.....:	13.70	13.85	14.45	14.90	15.26	15.50	15.50	15.50	15.50	15.98	16.70	17.20	17.20	16.70	15.98	15.34
1963	.....:	18.40	19.60	19.60	20.44	21.48	22.05	22.68	23.10	23.10	23.10	22.20	21.05	21.05	22.20	23.10	21.40
1964	.....:	20.55	20.25	19.56	18.80	17.33	16.22	14.48	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	16.25
1965	.....:	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	12.65	12.65	12.65	12.65	13.40	13.40
1966	.....:	12.65	12.65	13.19	14.55	14.55	14.55	15.57	15.75	17.03	17.61	17.62	17.83	17.83	17.62	17.61	15.30
<u>Pacific Northwest Ports</u>																	
1962	.....:	13.70	13.85	14.45	14.90	15.26	15.50	15.50	15.50	15.50	15.98	16.70	17.20	17.20	16.70	15.98	15.34
1963	.....:	18.40	19.60	19.60	20.44	21.48	22.05	22.68	23.10	23.10	23.10	22.20	21.05	21.05	22.20	23.10	21.40
1964	.....:	20.50	20.20	19.48	18.70	17.28	16.10	14.40	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	16.20
1965	.....:	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	13.55	12.65	12.65	12.65	12.65	13.40	13.40
1966	.....:	12.65	12.65	13.19	14.55	14.55	14.55	15.57	15.75	17.03	17.61	17.62	17.83	17.83	17.62	17.61	15.30



Table 2.--Molasses, beet: Prices by months, f.o.b. tank car or tank truck, 1962-66

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Dollars per ton--													
<u>Denver</u>													
1962	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	29.50	31.33	28.40
1963	32.00	32.00	32.00	34.00	34.75	35.50	37.80	39.00	39.00	39.00	39.00	39.00	36.09
1964	39.00	39.00	35.00	35.00	34.25	31.60	29.50	27.00	26.00	26.00	26.00	26.00	31.20
1965	26.00	26.00	27.60	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	27.63
1966	30.00	30.00	30.00	30.00	30.00	31.60	35.00	35.00	35.50	37.00	37.00	37.00	33.18
<u>Colorado, Wyoming and Montana (except Missoula)</u>													
1962	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	31.00	29.17
1963	31.00	31.00	31.00	31.00	31.00	31.00	31.00	33.00	35.00	38.20	39.00	39.00	33.43
1964	39.00	39.00	35.00	35.00	35.00	35.00	35.00	27.50	27.00	27.00	27.00	27.00	32.38
1965	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00
1966	30.00	30.00	30.00	30.00	30.00	31.80	33.00	33.00	34.63	36.50	36.50	36.50	32.66
<u>Oregon, Utah, Idaho and Missoula, Montana</u>													
1962	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00
1963	33.00	33.00	33.00	33.00	33.00	33.00	33.00	34.50	36.00	38.00	38.00	38.00	34.62
1964	38.00	38.00	36.00	36.00	35.50	34.00	34.00	30.00	30.00	30.00	30.00	30.00	33.46
1965	30.00	30.00	30.40	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.41
1966	29.00	29.00	29.00	29.00	29.00	31.40	33.00	33.00	33.00	35.00	35.00	35.00	31.70

Table 3.--Molasses, citrus and corn (hydrol): Prices by months, f.o.b. tank car or tank truck, 1962-66

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
--Dollars per ton--													
<u>Citrus molasses</u>													
	<u>Florida Points</u>												
1962	.....	20.00	20.00	19.37	19.38	18.90	19.13	18.90	17.50	17.50	18.00	18.33	18.83
1963	1/	.....	21.25	23.25	25.20	27.81	28.13	28.25	28.50	28.50	30.00	29.37	26.83
1964	1/	.....	26.13	26.63	26.75	26.75	26.75	27.33	28.50	-	-	20.00	26.32
1965	2/	.....	19.37	18.69	17.50	14.00	14.00	15.75	16.00	16.00	16.00	15.25	16.14
1966	.....	15.00	14.50	13.50	13.88	14.00	16.00	16.00	16.40	17.00	17.50	17.00	15.65
<u>Corn (hydrol) molasses</u>													
	<u>Chicago</u>												
1962	.....	24.25	24.25	24.56	25.00	25.00	24.75	24.50	24.63	24.75	27.25	29.00	25.32
1963	.....	32.40	36.38	36.38	35.10	34.25	34.75	35.20	37.50	37.87	37.63	35.69	35.98
1964	.....	33.88	33.63	32.90	31.38	28.94	25.33	21.56	19.84	19.60	19.50	19.50	25.46
1965	.....	19.50	20.31	20.60	20.63	20.25	20.50	20.31	20.00	20.00	20.00	20.25	20.20
1966	.....	20.81	21.50	23.40	24.00	24.00	24.00	25.00	25.80	28.25	32.00	34.25	26.08
<u>Kansas City</u>													
1962	.....	27.50	27.12	27.88	28.25	28.50	28.50	28.10	27.50	27.50	30.25	31.83	28.45
1963	.....	35.30	39.63	39.88	38.70	38.00	38.25	39.50	40.50	40.50	39.75	38.37	39.07
1964	.....	37.25	36.50	35.50	33.75	31.50	27.50	23.50	21.25	21.30	21.75	21.00	27.71
1965	.....	21.00	21.00	21.00	21.00	22.00	22.00	22.00	22.00	22.00	22.00	22.25	21.69
1966	.....	23.00	23.00	24.20	25.50	26.00	26.00	28.00	28.00	29.75	32.50	35.25	27.87

11/ Nominal August through October. 2/ Nominal August through November.

Table 4.--Price comparisons between molasses and No. 2 yellow corn at  
New York, Chicago and Kansas City, 1957-66 1/

	New York			Chicago			Kansas City		
Year	Corn	Molasses	Differ-	Corn	Molasses	Differ-	Corn	Molasses	Differ-
	bu.	: 6 $\frac{1}{2}$ gal.	ence	bu.	: 6 $\frac{1}{2}$ gal.	ence	bu.	: 6 $\frac{1}{2}$ gal.	ence
--Cents--									
1957...	156.8	163.7	-6.9	129.2	199.3	-70.1	130.4	204.2	-73.8
1958...	156.3	115.0	+41.3	125.5	123.1	+2.4	120.0	127.4	-7.4
1959...	150.6	103.0	+47.6	122.5	107.1	+15.4	117.3	111.0	+6.3
1960...	143.8	89.0	+54.8	115.6	92.9	+22.7	113.6	103.1	+10.5
1961...	141.8	102.2	+39.6	113.1	112.7	+0.4	112.4	125.3	-12.9
1962...	142.0	102.6	+39.4	112.8	117.8	-5.0	115.0	129.5	-14.5
1963...	155.0	143.8	+11.2	126.0	170.8	-44.8	125.4	177.7	-52.3
1964...	151.3	104.3	+47.0	125.1	111.1	+14.0	127.5	113.9	+13.6
1965...	151.5	81.2	+70.3	130.2	88.5	+41.7	130.4	91.4	+39.0
1966...	158.4	94.2	+64.2	136.8	119.7	+17.1	136.3	124.7	+11.6

#### MOLASSES AND CORN PRICES

The relationship between the cost of corn and the cost of molasses continued to favor molasses in 1966. 1/

Although the relationship for the year as a whole was not as favorable for molasses as it was in 1965, there were times during the early months of 1966 when the ratio between the cost of corn and molasses strongly favored molasses.

The cost of 6-1/2 gallons of molasses advanced 13 cents at New York, 31.2 cents at Chicago, and 33.3 cents at Kansas City in 1966. At the same time, the cost of a bushel of corn went up 6.9 cents at New York, 6.6 cents at Chicago, and 5.9 cents at Kansas City.

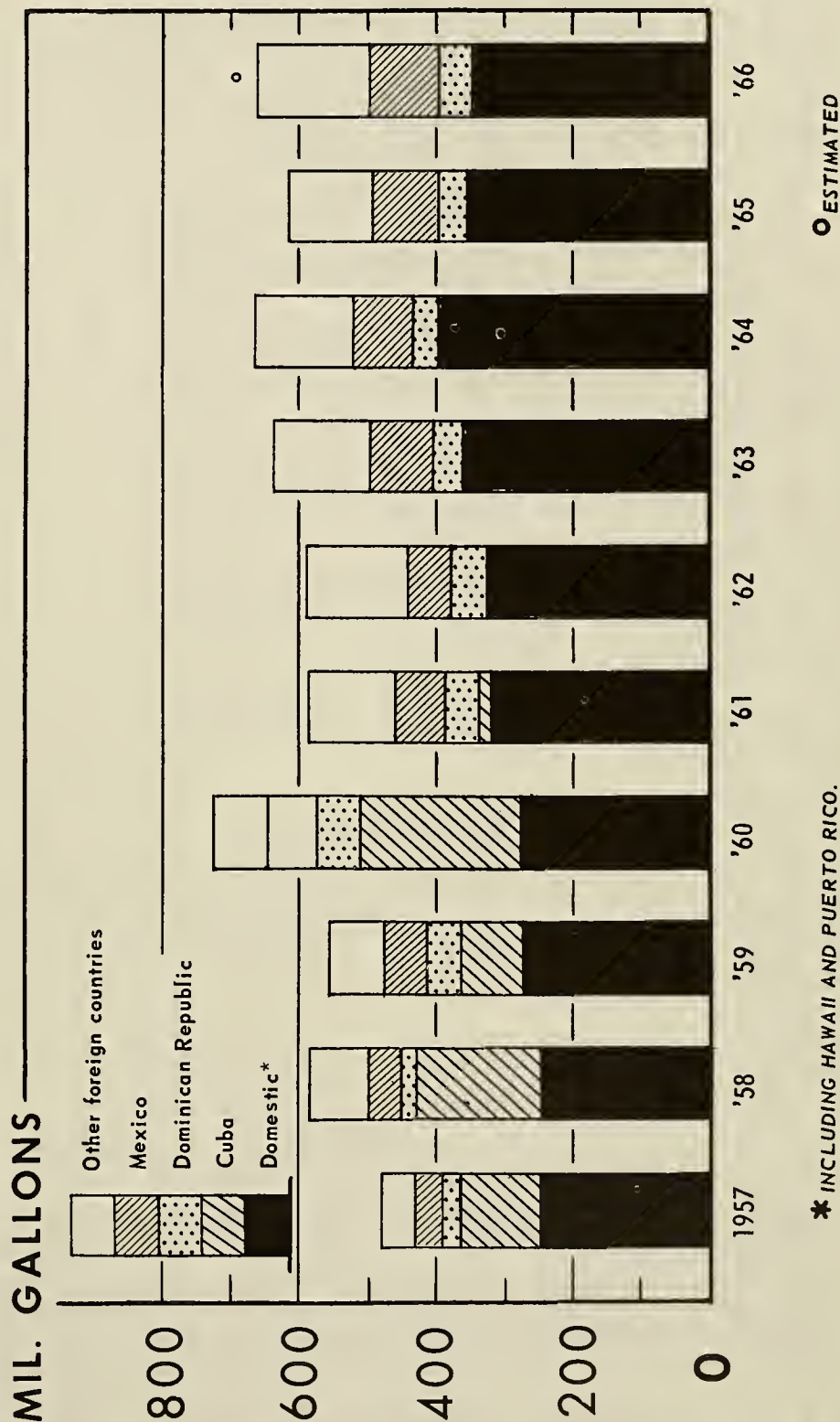
As a result, the cost of 6-1/2 gallons of molasses in 1966 averaged about 64 cents below the cost of a bushel of corn in New York, 17 cents less in Chicago, and nearly 12 cents less in Kansas City.

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1/ A "rule of thumb" measure -- 6-1/2 gallons of molasses are about equivalent in carbohydrate value to one bushel of corn -- is widely used to compare the carbohydrate value of molasses and corn. This measure is based on experiments conducted to evaluate the energy produced from one bushel of corn and the amount of molasses required to produce the same amount of energy.



# MOLASSES SUPPLY BY MAJOR SOURCES



U.S. DEPARTMENT OF AGRICULTURE

NEG. C&MS 19-67(3)

CONSUMER AND MARKETING SERVICE

FIGURE 2

Table 5.--Feed and industrial molasses: U. S. production, inshipments, imports, and exports, 1950-66

Year	Production										Total domestic	U. S. imports	Mainland exports	Total available supplies
	Cane					Beet 2/	Citrus	Hydro	Total					
	Refiners'		Inshipments		Total cane									
	Mainland mills	black-strap	Hawaii	Puerto Rico										
1950..	44,814	34,326	41,076	31,224	151,440	61,333	7,929	21,388	242,090	243,841	2,331	483,600		
1951..	44,350	32,775	41,572	49,951	168,648	45,578	11,926	18,411	244,596	228,389	2,649	470,303		
1952..	51,901	36,221	37,942	52,252	178,316	38,583	9,333	18,063	244,295	296,121	897	539,519		
1953..	48,682	36,123	47,558	32,651	165,014	47,628	7,382	18,792	238,816	410,765	1,563	648,018		
1954..	46,050	31,863	46,530	37,558	162,001	52,531	8,804	17,873	241,209	340,408	4,843	576,567		
1955..	49,187	32,954	50,413	44,232	176,786	52,061	8,422	15,502	252,771	377,812	4,863	625,720		
1956..	38,067	40,303	49,401	34,726	162,497	51,955	7,878	16,851	239,181	352,089	879	590,391		
1957..	42,532	39,370	54,140	20,439	156,481	63,171	10,474	16,249	246,375	231,536	2,545	475,366		
1958..	40,300	40,012	43,974	26,611	150,897	67,324	6,328	20,336	244,885	334,308	2,116	577,027		
1959..	42,826	40,333	60,239	24,238	167,636	76,920	7,669	21,494	273,719	282,137	2,372	553,484		
1960..	46,686	40,686	49,692	30,289	167,353	79,079	5,155	23,324	274,911	449,646	3,032	721,525		
1961..	60,075	45,812	50,653	38,618	195,158	98,211	5,949	23,153	322,471	260,495	2,220	580,746		
1962..	65,274	47,132	54,911	27,471	194,788	96,643	9,581	23,595	324,607	264,063	2,265	586,405		
1963..	89,876	47,605	51,563	16,590	205,634	124,602	5,396	27,939	363,571	270,423	5,475	628,519		
1964..	103,287	45,402	52,653	18,190	219,532	143,688	4,469	29,992	397,681	266,421	4,339	659,763		
1965..	84,722	45,111	51,861	21,104	202,798	4/115,000	8,564	26,740	353,102	268,016	2,536	4/618,582		
1966..	4/90,400	44,660	60,271	9,500	204,831	4/111,000	9,788	23,125	348,744	314,157	1,586	4/661,315		

--1,000 gallons--

1/ Shipments to U. S. mainland only. Does not represent total Hawaiian and Puerto Rican molasses production.

2/ Year harvested basis.

3/ Does not include exports from Hawaii and Puerto Rico.

4/ Estimated.

Source: Statistical Reporting Service and Agricultural Stabilization and Conservation Service, U. S. Department of Agriculture; Bureau of the Census, U. S. Department of Commerce; Florida Citrus Processors Association; Association of Sugar Producers of Puerto Rico; Hawaiian Sugar Planters Association; and members of the Corn Refiners Association, Inc.

Table 6.--Molasses: Hawaiian and Puerto Rican production, shipments to the U. S. mainland, and exports to other countries, 1950-66

		Hawaii		Puerto Rico		
Year		Shipments to U. S. mainland	Exports to other countries	Shipments to U. S. mainland	Exports to other countries	
--1,000 gallons						
1950...	41,381	41,076	355	49,522	31,224	6,658
1951...	44,723	41,572	-	60,300	49,951	1,528
1952...	44,041	37,942	505	69,800	52,252	4,021
1953...	51,319	47,558	-	59,856	32,651	13,258
1954...	51,759	46,530	-	61,600	37,558	7,923
1955...	51,052	50,413	-	56,246	44,232	6,033
1956...	52,644	49,401	1,916	56,899	34,726	6,765
1957...	52,340	54,140	-	52,600	20,439	19,402
1958...	52,768	43,974	4,642	56,800	26,611	10,157
1959...	56,849	60,239	7,771	60,755	24,238	19,239
1960...	50,817	49,692	-	58,474	30,289	15,162
1961...	56,423	50,653	-	62,372	38,618	8,224
1962...	57,372	54,911	-	56,200	27,471	13,014
1963...	55,373	51,563	-	61,548	16,590	15,923
1964...	57,688	52,638	-	64,563	18,190	20,144
1965...	58,389	51,861	-	57,140	21,104	6,848
1966...	59,772	60,271	-	<u>1</u> /60,700	<u>1</u> / 9,500	18,653

1/ Estimated.

Source: Bureau of the Census, U. S. Department of Commerce; Association of Sugar Producers of Puerto Rico; and Hawaiian Sugar Planters Association.

#### SUPPLIES

The supply of molasses available for feed and industrial use in the Continental United States for 1966 was estimated at some 661 million gallons. This was nearly 43 million gallons, or 7 percent, more than the preceding year. It also was the second largest supply on record -- exceeded only by the 721-million-gallon supply available in 1960. The domestic portion of the 1966 supply, although down slightly from the year before, exceeded for the fourth consecutive year the supply of imported molasses.



## Domestic Supplies

Almost 349 million gallons of molasses, or 53 percent of the total U. S. supply in 1966, came from domestic sources. This was 4 million gallons less than the preceding year as the drop in production of beet and hydrol more than offset a slight increase in cane and citrus molasses supplies.

The supply of cane molasses totaled 204.8 million gallons -- 2 million more than the year before. Output of 90.4 million gallons by mainland mills was up 5.7 million gallons, while outturn of 44.7 million gallons of refiners' blackstrap ran about a half-million gallons smaller. Hawaii shipped a record 60.3 million gallons of molasses to the mainland, or 8.4 million gallons more than 1965 shipments. Inshipments from Puerto Rico, on the other hand, dropped to 9.5 million gallons, or 11.6 million gallons less than the year before and the smallest for any year on record.

Production of molasses reached a record-breaking 59.8 million gallons in Hawaii and 60.7 million gallons in Puerto Rico -- up about 2 and 6 percent, respectively, from the previous year. No Hawaiian molasses were exported to other countries, but nearly 18.7 million gallons of Puerto Rican molasses were exported to foreign countries.

Beet molasses production was estimated at 111 million gallons for 1966 -- 4 million gallons less than in 1965. The decline was due to reduced acreage and production of sugar beets. However, the outturn of beet molasses per ton of sugar beets increased slightly. Citrus molasses supplies climbed to almost 9.8 million gallons, 1.2 million gallons more than the previous year and the third largest output on record. Production of 23 million gallons of hydrol molasses ran 3.6 million gallons smaller than the year before and the smallest since 1959.

## Imports

U. S. imports of molasses from foreign countries in 1966 totaled about 314 million gallons -- 46 million gallons, or 17 percent, more than in 1965 and the largest for any year since 1960.

Almost half of the total imports came from two countries -- Mexico and the Dominican Republic. A record-breaking 99.3 million gallons of molasses were imported from Mexico. This was nearly 4 million gallons more than the preceding year. It also accounted for almost a third of the total imports and kept Mexico as the United States' largest foreign supplier of molasses. The Dominican Republic -- our second largest supplier -- shipped 47.5 million gallons of molasses to the United States in 1966, or 6.2 million gallons more than the year before.

Molasses imports from other foreign countries show two notable changes. Some 22 million gallons were imported from Australia, or nearly three times as much as in 1965. Peru shipped 24.7 million gallons to the United States, or almost five times as much as the previous year. Imports from the United Kingdom and Poland, which were only moderate the year before, increased substantially in 1966. Imports from Colombia, Ecuador, Guatemala, Honduras, and Mauritius

also increased, while shipments from such regular suppliers as Barbados, France, Guyana, Haiti, Jamaica, Nicaragua, the Philippines, Taiwan, and Trinidad dropped off. Venezuela and India shipped some molasses to the United States for the first time in several years, while imports from Indonesia, which were substantial in 1965, were sharply reduced in 1966.

Almost two-thirds of the molasses imported into the United States in 1966 came in through three customs districts -- New Orleans, New York, and Houston. While New Orleans with 102.9 million gallons and New York with 54.3 million gallons registered substantial increases and remained the largest and second largest molasses-importing customs districts, Houston with 40.7 million gallons replaced Galveston as the third largest. Los Angeles remained fourth even though the 22.1 million gallons imported through this district ran about 4 million gallons smaller than the year before. Imports through San Francisco, Mobile, and Buffalo dropped considerably, but substantially more molasses came into the Arizona, El Paso, Georgia, and Maryland districts than the preceding year. Imports into other districts were not too much different from a year earlier.

Most of the molasses imported from Mexico came in through the New Orleans, Los Angeles, Houston, and El Paso customs districts. Nearly half of the imports from the Dominican Republic went into New York but a substantial quantity went to New Orleans and moderate amounts came to East Coast districts. While most Peruvian molasses were imported through the Gulf, some also went to the Florida, Georgia, Maryland, and Philadelphia customs districts. Houston got about a third of the molasses imported from Australia. The balance was fairly evenly divided between Los Angeles, Maryland, Mobile, New Orleans, New York, and Philadelphia.

Molasses imports from Central America were largely made through Gulf ports. Caribbean and South American molasses were imported mainly through Gulf and Atlantic Coast customs districts, while most imports from Europe were made through Atlantic Coast ports. More than half of the molasses imported from Asia entered the United States at Pacific Coast customs districts, with the balance coming into Gulf ports. Imports from Morocco and the Republic of South Africa came in through Atlantic port terminals, while those from Angola and Mauritius went to Gulf Coast customs districts.

### Exports

The United States exported 20.2 million gallons of molasses in 1966 -- more than twice as much as the preceding year. Nearly 18.7 million gallons of the total U. S. molasses exports were exported direct from Puerto Rico. Exports from the mainland to overseas destinations amounted to only 1.6 million gallons -- about a million gallons less than the year before and the least for any year since 1956. Most of this was exported through the New York, Miami, and Washington customs districts and was destined for Canada, the Netherlands, and India.

Table 7.--Molasses, inedible: U. S. imports by country of origin, 1962-66

Country of origin	1966	1965	1964	1963	1962
--1,000 gallons--					
Angola .....	942	-	-	-	-
Australia .....	22,117	7,629	9,932	1,767	-
Austria .....	-	-	700	-	-
Bahamas .....	94	-	-	-	-
Barbados .....	2,390	5,577	4,926	4,398	5,532
Belgium & Luxembourg .....	-	-	754	-	-
Brazil .....	-	-	-	1,833	-
British Honduras .....	1,267	3,113	819	390	391
Canada .....	1,274	1,986	1,642	2,256	549
Colombia .....	6,271	2,439	-	-	-
Cuba .....	-	-	-	-	3
Denmark .....	-	-	2,164	-	-
Dominican Republic .....	47,533	41,329	32,591	42,926	51,705
Ecuador .....	10,888	9,863	2,270	6,813	4,010
El Salvador .....	1,210	1,648	953	1,286	-
France .....	6,076	9,617	10,524	9,390	9,319
French West Indies .....	3,526	3,399	3,813	6,511	8,053
Greenland .....	-	49	-	-	-
Guatemala .....	5,292	3,439	1,268	-	-
Guyana (British Guiana) .....	1,837	4,466	3,333	3,570	7,501
Haiti .....	4,056	4,264	5,375	3,530	4,176
Honduras .....	2,327	1,650	1,624	-	-
India .....	3,278	-	-	1,426	4,518
Indonesia .....	3,278	7,772	-	-	-
Iran .....	-	-	1,833	-	-
Jamaica .....	16,508	17,536	24,132	17,317	21,753
Japan .....	-	-	502	-	-
Kenya .....	-	801	2,594	-	-
Leeward & Windward Islands .....	406	-	-	-	-
Malagasy Republic .....	-	-	-	-	1,613
Mauritius .....	6,219	3,301	11,919	7,567	13,353
Mexico .....	99,312	95,564	86,404	93,175	63,987
Morocco .....	2,119	-	-	-	-
Mozambique .....	-	3,629	2,203	2,008	-
Netherlands .....	578	-	-	593	2,211
Netherlands Antilles .....	1,424	-	-	-	-
Nicaragua .....	3,438	3,737	1,920	4,517	3,172
Pakistan .....	-	-	1,886	-	1,774
Panama .....	830	-	2,353	-	-
Peru .....	24,665	4,897	12,934	21,243	19,228
Philippines .....	4,246	9,427	19,343	11,858	15,625
Poland .....	6,817	1,116	-	-	-
Republic of South Africa .....	3,152	518	4,109	15,886	5,350
Switzerland .....	1,377	-	-	-	-
Taiwan (Formosa) .....	3,811	8,985	2,893	-	719
Trinidad & Tobago .....	5,992	6,756	8,708	9,188	10,988
UAR (Egypt) .....	-	1,804	-	-	8,533
United Kingdom .....	5,960	1,705	-	103	-
Venezuela .....	3,647	-	-	872	-
Total .....	314,157	268,016	266,421	270,423	264,063

Source: Bureau of the Census



Table 8.--Molasses, inedible: U. S. imports by customs districts, 1962-66

Customs districts	1966	1965	1964	1963	1962
--1,000 gallons--					
Arizona .....	5,037	2,599	3,473	3,381	3,751
Buffalo .....	3,047	5,218	2,712	3,493	4,100
Chicago .....	-	-	9	-	-
Connecticut .....	428	1,500	2,654	6,402	3,779
Dakota .....	23	111	285	817	7
Duluth & Superior .....	-	-	-	208	-
El Paso .....	8,539	6,768	7,390	7,173	7,165
Florida .....	2,378	1,484	723	3,423	3,804
Galveston .....	3,395	37,354	39,977	35,863	35,140
Georgia .....	5,677	2,293	3,073	3,365	-
Houston .....	40,717	-	-	-	-
Laredo .....	685	871	-	79	102
Los Angeles .....	22,139	26,055	<u>1</u> /24,724	18,936	18,632
Maine & New Hampshire ...	134	213	345	406	133
Maryland .....	15,106	9,353	12,513	19,361	14,659
Massachusetts .....	2,137	-	4,154	2,617	3,474
Michigan .....	154	307	19	19	206
Mobile .....	9,404	12,115	<u>1</u> / 5,053	9,193	8,405
Montana & Idaho .....	-	-	-	-	10
New Orleans .....	102,906	79,186	57,099	70,885	70,344
New York .....	54,329	42,483	52,231	43,045	54,680
North Carolina .....	3,904	3,567	4,313	3,460	2,749
Ohio .....	1,876	2,559	-	5,493	3,410
Philadelphia .....	12,584	11,552	11,811	10,316	7,658
Pittsburgh .....	-	-	1,285	-	-
Sabine .....	2,479	1,410	2,071	1,582	2,168
San Diego .....	4,130	2,859	5,996	6,624	4,655
San Francisco .....	8,313	12,820	<u>1</u> /20,495	8,919	11,579
Vermont .....	802	719	838	466	45
Virginia .....	3,715	4,620	3,178	4,897	3,408
Washington .....	119	-	-	-	-
Total .....	314,157	268,016	266,421	270,423	264,063

Source: Bureau of the Census

1/ Revised.

Table 9.--Molasses, inedible: U. S. imports by country of origin  
and customs districts, 1966

Country	Arizona	Buffalo	Conn.	Dakota	El Paso	Florida
--1,000 gallons--						
Angola .....	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-
Barbados .....	-	-	-	-	-	-
British Honduras .....	-	-	-	-	-	-
Canada .....	-	84	-	-	-	-
Colombia .....	-	-	-	-	-	-
Dominican Republic .....	-	-	-	-	-	1,350
Ecuador .....	-	-	-	-	-	-
El Salvador .....	-	-	-	-	-	-
France .....	-	-	-	-	-	-
French West Indies .....	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-
Guyana (British Guiana) ..	-	28	-	-	-	-
Haiti .....	-	-	-	-	-	-
Honduras .....	-	-	-	-	-	-
India .....	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-
Jamaica .....	-	-	-	-	-	-
Leeward & Windward Is. ...	-	406	-	-	-	-
Mauritius .....	-	-	-	-	-	-
Mexico .....	5,037	-	428	23	8,539	-
Morocco .....	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-
Netherlands Antilles .....	-	-	-	-	-	-
Nicaragua .....	-	-	-	-	-	-
Panama .....	-	-	-	-	-	-
Peru .....	-	-	-	-	-	1,028
Philippines .....	-	-	-	-	-	-
Poland .....	-	-	-	-	-	-
Rep. of South Africa .....	-	-	-	-	-	-
Switzerland .....	-	-	-	-	-	-
Taiwan (Formosa) .....	-	-	-	-	-	-
Trinidad & Tobago .....	-	2,529	-	-	-	-
United Kingdom .....	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-
Total .....	5,037	3,047	428	23	8,539	2,378

Source: Bureau of the Census

Table 9.--Molasses, inedible: U. S. imports by country of origin  
and customs districts, 1966

Galveston:	Georgia :	Houston :	Laredo :	Los Angeles :	Maine & N. H. :	Maryland:	Mass.
--1,000 gallons							
-	-	-	-	-	-	-	-
-	-	7,537	-	3,364	-	1,918	-
-	-	-	-	-	-	-	-
-	-	-	-	-	10	-	-
-	-	-	-	-	-	628	-
-	-	-	-	-	124	-	-
-	-	2,794	-	-	-	-	-
2,285	1,035	1,829	-	-	-	3,587	-
-	-	3,225	-	-	-	-	1,000
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	1,106	-
-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-
-	-	3,278	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	6,243	-	-	-	478	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
569	-	8,836	685	17,808	-	1,387	1,137
-	-	-	-	-	-	1,944	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	1,736	-	-	-	-	-
-	-	405	-	-	-	-	-
401	3,362	3,728	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	2,330	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	967	-	-	-
-	-	1,106	-	-	-	792	-
-	-	-	-	-	-	-	-
-	1,280	-	-	-	-	936	-
3,395	5,677	40,717	685	22,139	134	15,106	2,137

(Continued on next page)



Table 9.--Molasses, inedible: U. S. imports by country of origin  
and customs districts, 1966 (Continued)

Country	Michigan	Mobile	New Orleans	New York	North Carolina	Ohio
--1,000 gallons--						
Angola .....	-	-	942	-	-	-
Australia .....	-	1,645	2,197	1,167	1,897	-
Bahamas .....	-	-	94	-	-	-
Barbados .....	-	-	2,380	-	-	-
British Honduras .....	-	-	639	-	-	-
Canada .....	145	-	-	-	-	-
Colombia .....	-	1,251	-	-	-	-
Dominican Republic .....	-	-	10,323	22,154	-	-
Ecuador .....	-	2,319	4,144	200	-	-
El Salvador .....	-	-	1,210	-	-	-
France .....	-	-	-	6,076	-	-
French West Indies .....	-	-	3,526	-	-	-
Guatemala .....	-	-	3,373	-	-	-
Guyana (British Guiana) ..	-	-	703	-	-	-
Haiti .....	-	-	1,816	1,332	-	-
Honduras .....	-	-	2,187	-	-	-
India .....	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-
Jamaica .....	-	-	6,076	3,711	-	-
Leeward & Windward Is. ...	-	-	-	-	-	-
Mauritius .....	-	-	6,219	-	-	-
Mexico .....	-	2,925	37,605	3,941	2,007	1,876
Morocco .....	-	-	-	175	-	-
Netherlands .....	-	-	-	-	-	-
Netherlands Antilles .....	-	-	1,424	-	-	-
Nicaragua .....	-	-	1,702	-	-	-
Panama .....	-	425	-	-	-	-
Peru .....	-	839	12,828	-	-	-
Philippines .....	-	-	-	-	-	-
Poland .....	-	-	-	4,487	-	-
Rep. of South Africa .....	-	-	-	3,152	-	-
Switzerland .....	-	-	-	1,377	-	-
Taiwan (Formosa) .....	-	-	2,559	-	-	-
Trinidad & Tobago .....	-	-	959	606	-	-
United Kingdom .....	9	-	-	5,951	-	-
Venezuela .....	-	-	-	-	-	-
Total .....	154	9,404	102,906	54,329	3,904	1,876

Source: Bureau of the Census

Table 9.--Molasses, inedible: U. S. imports by country of origin  
and customs districts, 1966 (Continued)

Phila- delphia:	Sabine	San Diego	San :Francisco:	Vermont	Virginia:	Wash.	Total
--1,000 gallons--							
-	-	-	-	-	-	-	942
-	-	-	-	-	2,392	-	22,117
-	-	-	-	-	-	-	94
-	-	-	-	-	-	-	2,390
-	-	-	-	-	-	-	1,267
-	-	-	-	802	-	119	1,274
2,226	-	-	-	-	-	-	6,271
4,970	-	-	-	-	-	-	47,533
-	-	-	-	-	-	-	10,888
-	-	-	-	-	-	-	1,210
-	-	-	-	-	-	-	6,076
-	-	-	-	-	-	-	3,526
-	-	1,919	-	-	-	-	5,292
-	-	-	-	-	-	-	1,837
908	-	-	-	-	-	-	4,056
-	-	-	-	-	-	-	2,327
-	-	-	-	-	-	-	3,278
-	-	1,939	1,339	-	-	-	3,278
-	-	-	-	-	-	-	16,508
-	-	-	-	-	-	-	406
-	-	-	-	-	-	-	6,219
3,049	-	-	2,137	-	1,323	-	99,312
-	-	-	-	-	-	-	2,119
-	-	-	578	-	-	-	578
-	-	-	-	-	-	-	1,424
-	-	-	-	-	-	-	3,438
-	-	-	-	-	-	-	830
-	2,479	-	-	-	-	-	24,665
-	-	272	3,974	-	-	-	4,246
-	-	-	-	-	-	-	6,817
-	-	-	-	-	-	-	3,152
-	-	-	-	-	-	-	1,377
-	-	-	285	-	-	-	3,811
-	-	-	-	-	-	-	5,992
-	-	-	-	-	-	-	5,960
1,431	-	-	-	-	-	-	3,647
12,584	2,479	4,130	8,313	802	3,715	119	314,157

Table 10.--Molasses, inedible: U. S. exports by country of destination, 1962-66 <sup>1/</sup>

Country of Destination :	1966	:	1965	:	1964	:	1963	:	1962
--1,000 gallons--									
Belgium & Luxembourg ....:	-		-		-		2,411		-
British Honduras .....	-		4		-		-		-
Canada .....	3,883		1,916		9,189		3,726		6,939
Denmark .....	-		8		-		-		-
France .....	2,182		-		-		-		-
Ghana .....	1		-		-		-		-
Iceland .....	-		16		122		149		170
India .....	133		165		203		118		-
Ireland .....	-		4		-		760		3
Israel .....	-		-		183		-		-
Italy .....	230		-		-		-		-
Jamaica .....	3		2		-		-		-
Japan .....	-		401		623		813		1
Libya .....	2		-		-		-		-
Mexico .....	25		6		42		4		48
Netherlands .....	11,462		2,303		7,316		2,384		7,489
Netherlands Antilles ....:	-		6		-		-		-
Rep. of South Africa ....:	4		1		3		34		47
Saudi Arabia .....	-		-		5		-		-
Spanish Africa .....	2		-		-		-		-
United Kingdom .....	2,312		4,552		6,777		8,886		575
West Germany .....	-		-		10		2,102		-
Other .....	-		-		9		11		7
Total .....	20,239		9,384		24,482		21,398		15,279

<sup>1/</sup> Includes exports from Puerto Rico.

Source: Bureau of the Census

Table 11.--Molasses, inedible: U. S. exports by customs districts, 1962-66

Customs districts :	1966	:	1965	:	1964	:	1963	:	1962
--1,000 gallons--									
Buffalo .....	-		-		85		-		12
Dakota .....	-		65		-		-		3
Florida .....	-		694		1,472		-		-
Laredo .....	-		-		-		1		12
Massachusetts .....	-		16		74		145		-
Miami .....	484		-		-		-		-
Michigan .....	57		92		95		99		168
Montana and Idaho .....	-		7		-		-		7
New Orleans .....	1		-		183		-		-
New York .....	146		185		221		169		222
Oregon .....	-		46		-		-		-
Philadelphia .....	-		-		49		-		-
Puerto Rico .....	18,653		6,848		20,144		15,923		13,014
St. Lawrence .....	34		-		19		-		-
San Diego .....	25		405		348		3,140		36
San Francisco .....	-		15		326		188		1
Washington .....	839		1,011		1,466		1,729		1,798
Other .....	-		-		-		4		6
Total .....	20,239		9,384		24,482		21,398		15,279

Source: Bureau of the Census



Table 12.--Molasses: Estimated utilization, United States, 1955-66

Year	Industrial				Mixed feeds,:	
	:Distilled:	Yeast,	: Pharmaceuti-	:	:direct feed-	Total
	: spirits	:citric acid:	cals and edi-	: Total	: ing and	: utili-
	: 1/	:and vinegar:	ble molasses :		: silage 2/	: zation
--Million gallons--						
1955 .....	121.3	65.0	12.0	198.3	427.4	625.7
1956 .....	111.9	70.0	14.0	195.9	394.5	590.4
1957 .....	59.2	70.0	14.0	143.2	332.2	475.4
1958 .....	61.7	70.0	15.0	146.7	430.3	577.0
1959 .....	35.3	71.0	15.0	121.3	432.2	553.5
1960 .....	69.0	74.0	3/ 37.0	180.0	541.5	721.5
1961 .....	8.5	70.4	47.1	126.0	454.7	580.7
1962 .....	5.7	79.8	38.7	124.2	462.2	586.4
1963 .....	5.0	85.0	40.0	130.0	498.5	628.5
1964 .....	6.2	90.0	47.0	143.2	516.6	659.8
1965 .....	15.1	100.0	50.0	165.1	453.5	618.6
1966 4/ ...:	9.4	100.0	50.0	159.4	501.9	661.3

1/ Includes molasses used in making ethyl alcohol, butyl and acetone prior to 1959. 2/ Molasses utilized in feeds is a residual item, calculated by subtracting molasses used industrially from total mainland supplies without considering changes in stocks. 3/ Pharmaceutical utilization not considered prior to 1960. 4/ Estimated.

#### UTILIZATION

An estimated 661 million gallons of molasses was available for feed and industrial use in the United States for 1966. This was about 43 million gallons more than the preceding year.

Molasses used in producing distilled spirits in the Continental United States during 1966 totaled 9.4million gallons -- almost 6 million gallons less than a year earlier.

Other commercial or industrial uses of molasses were not much different from the previous year. An estimated 100 million gallons of molasses went into the manufacture of yeast, citric acid, and vinegar, while the pharmaceutical and edible molasses industries used an estimated 50 million gallons of molasses.

Based on the foregoing utilization estimates and without considering actual changes in molasses stocks (which are unavailable), nearly 502 million gallons of molasses were available for livestock feed either in direct form or in formula feeds. This was about 48 million gallons more than in 1965. (Trade estimates indicate about 5 percent of the molasses used in livestock feed is converted to dried molasses, most of which is made and used in the Midwest.)

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